INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)	Application Number		
MM4646	To be advised		
Applicant(s)			
Manabu TAKEUCHI, et al	·		
Filing Date	Group Art Unit		

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				U.S. PATENT DOCUMENTS					
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING IF APPRO		
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	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation		
		5-121492	05/15/93	JAPAN with English Abstract			YES	NO	
		63-160239	07/04/88	JAPAN with English Abstract					
		6-104679	04/15/94	JAPAN with English Abstract					
•	•	8-79002	03/22/96	JAPAN with English Abstract					
		10-32455	02/03/98	JAPAN with English Abstract					
	_			OTHER DOCUMENTS (Including A	uthor, Title, D	ate, Pertinent Pa	ges, Etc.)		
		Japanese Utility Model	Publication No.	4-3281 in Japanese only, 3 pages in tot	al				
		Japanese Utility Model	Laid Open No.	6-81139 in Japanese only, 4 pages front	and back in	total			
EXAMINE	R			DATE CONSIDERED					
EXAMINE	R: Initi	al if citation considered, whether	or not citation is i	in conformance with MPEP Section 609; Dr	aw line throu	gh citation if not	in conform	ance and	

Form PTO-A820 (also form PTO-1449)

not considered. Include copy of this form with next communication to applicant.

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		 		U.S. PATENT DOCUMENTS				
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	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
		2000-165190	06/16/00	JAPAN with English Abstra	et		YES	NO
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	<u> </u>			OTHER DOCUMENTS (Includi	ng Author, Title, D	ate, Pertinent Pa	ges, Etc.)	
EXAMINE	R			DATE CONSIDERED			-	
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and